HIGH BRIGHTNESS BUSINESS PROJECTOR
EB- L30000u

EPSON
EXCEED YOUR VISION

SPELLBINDING PROJECTIONS AS TRUE TO LIFE AS NATURE'S GREATEST SHOW.

EPSON

LASER
LIGHT SOURCE

Presenting the world's first-ever[1] 30,000-lumen 3LCD projector with 4K quality lens. The Epson EB-L30000U delivers spectacular image quality with outstanding levels of colour brightness, perfect for outdoor and large venues. Extremely reliable with superior heat resistance and 20,000 hours of maintenance-free use[2]. Immensely flexible with 360° rotation, adjustable tilt and large variety of lenses to suit any venue or application. Get ready to shine!

[1] As at Aug 2016

[2] Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m3 of particulate matter. Time varies depending on usage conditions and environments.

LASER PROJECTOR ON-SITE WARRANTY
3 YEARS
OR 20,000 HOURS* WHICHEVER COMES FIRST

WORLD'S NO.1 PROJECTORS
15 YEARS RUNNING 2001-2015
SOURCE: FUTURESOURCE CONSULTING

BEST CUSTOMER SERVICE
VOTED SOUTHEAST ASIA'S BEST AFTER SALES SERVICE

3LCD

HDBaseT™

4K Enhancement

LASER LIGHT SOURCE

BEST OF THE AWARDED

ENGINEERED FOR BUSINESS

Brightest Show

Breathtaking projections of the most spectacular colours.
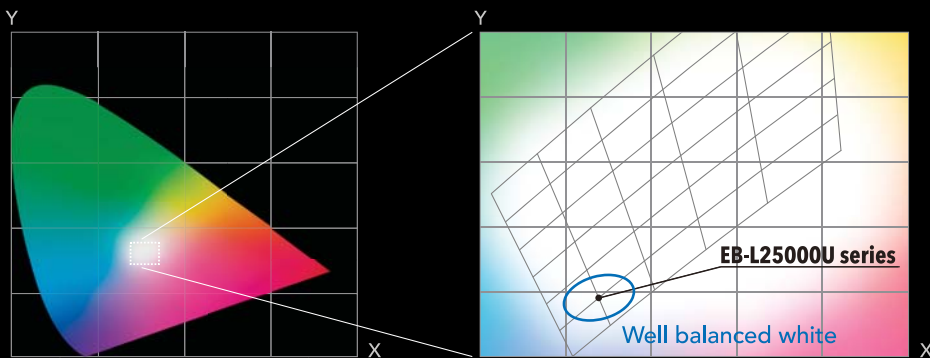
Next Level Qua

WUXGA – Beyond Full HD Resolution

With WUXGA resolution (1,920 x 1,200 pixels), you enjoy a sharp, clear display of Full HD video (1,920 x 1,080 pixels) images down to the smallest details even on large-screen projections for an incredible dynamic viewing experience.
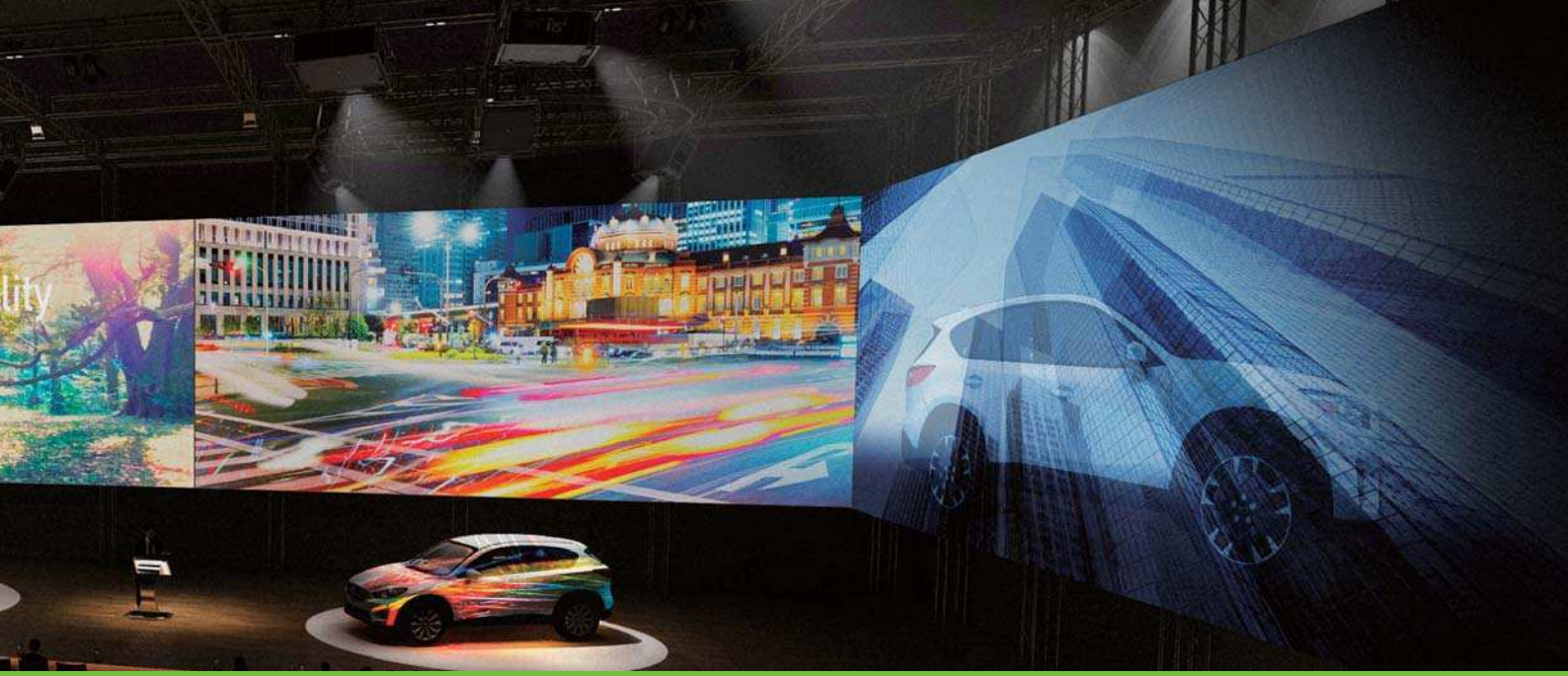
WUXGA

1080p

SXGA+

XGA

WXGA

Well-balanced Whites

The laser light source produces nicely balanced RGB colour for brilliant white highlights that bring a refreshing vibrancy to your images.

Y

Y

EB-L25000U series

Well balanced white

X

X

Cleaner Highlights

Epson's advanced optical engine splits white light into blue and yellow beams and precisely adjusts and recombines them to create appealing whites.
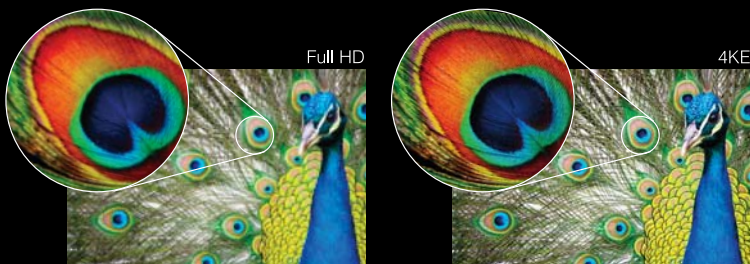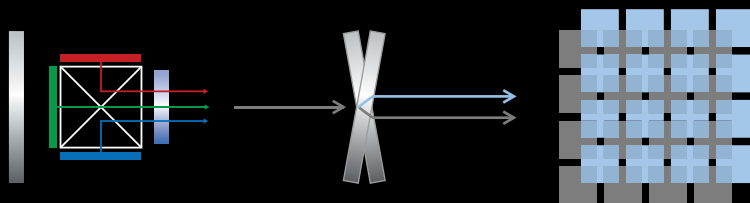
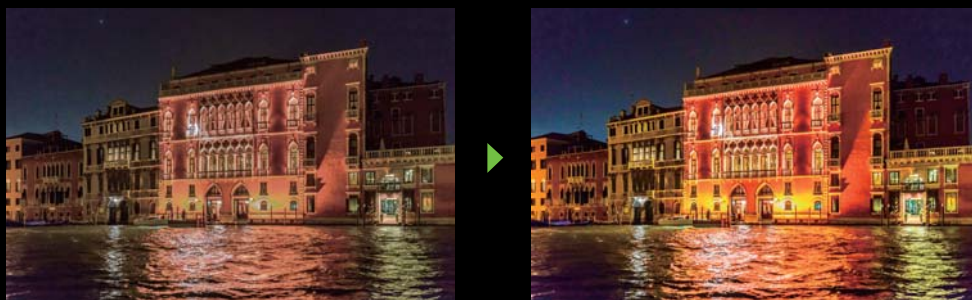## High-definition Images with 4K Lens and Enhancement Technology

4K enhancement technology shifts each pixel diagonally by 0.5 pixels to double the resolution to 3840 x 2160, surpassing full HD image quality to give you unbelievable sharpness, clarity and detail on all your presentations.

By reengineering the internal structure, colour bleeding is kept to an absolute minimum to deliver 4K resolution throughout the entire zoom range.

Full HD

4KE

High Contrast Ratio

Enjoy richer contrast with Epson's newly-developed laser optical engine system. And combined together with the vibrant and realistic colours from the 3LCD panels, you enjoy more lifelike projections.

Brightest Show

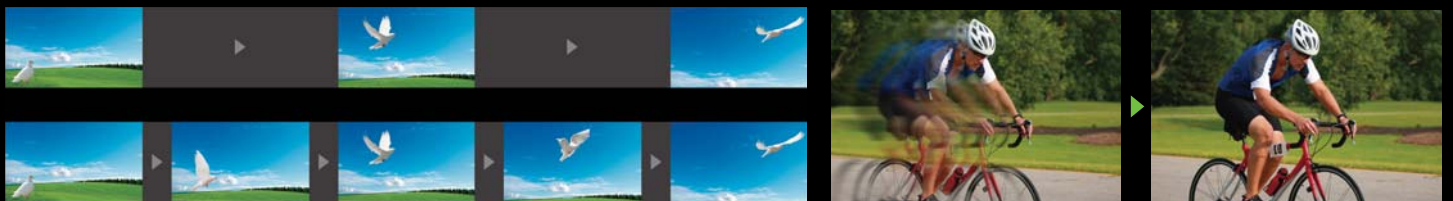Breathtaking projections of the most spectacular colours.

Absolute Black

Laser technology dims the light source in real time according to the input video signal to deliver absolute black during full-black screens.

Frame Interpolation

Enjoy clearer, sharper playback even on fast-moving subjects with Epson's Frame Interpolation Technology. This unique function effectively eliminates motion blurring by inserting intermediate frames between images to create smoother motion transition.

* Simulated images
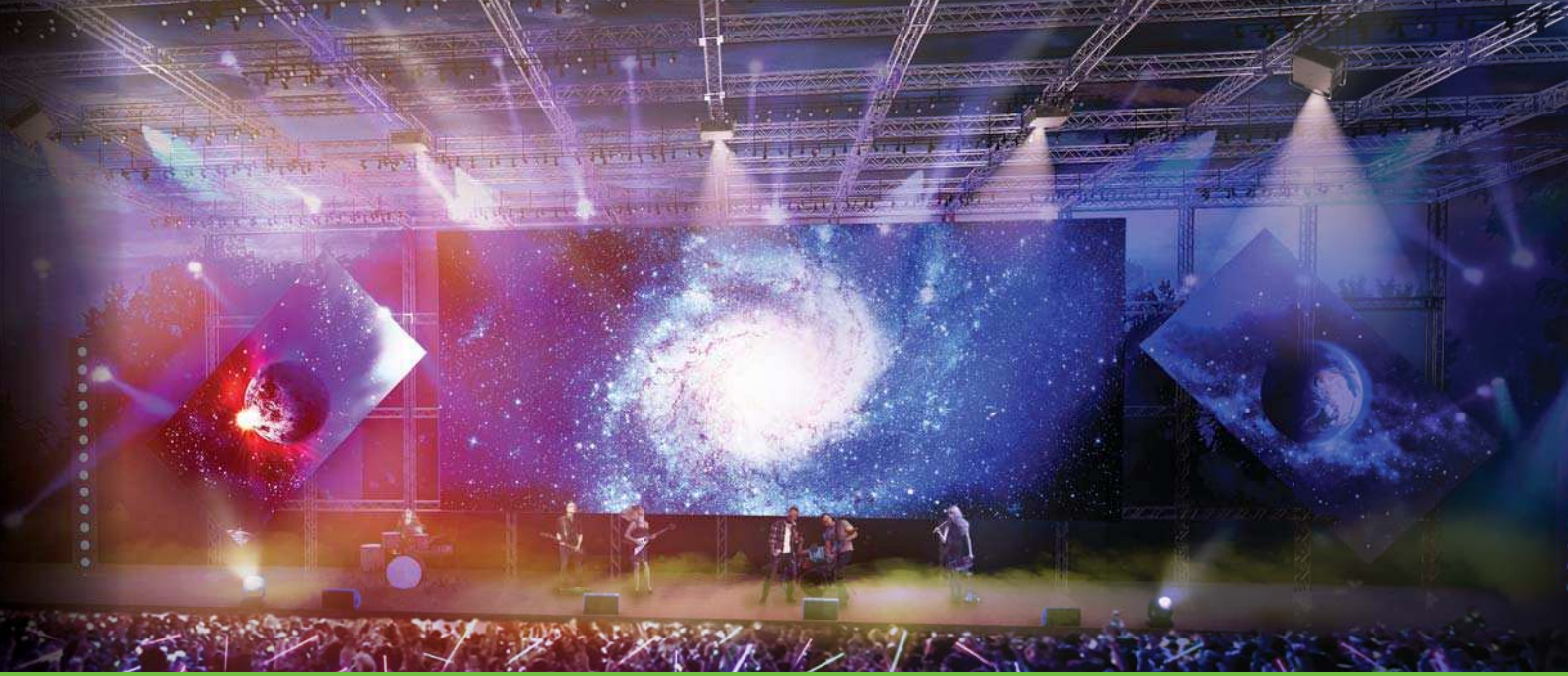
Super Resolution with Detail Enhancement

Improve perceived image resolution with the "super resolution" technology. And with Epson's "detail enhancement", you enjoy rich textures for further enhancement in image quality, allowing you to select your preferred image characteristics for different scenes and content.
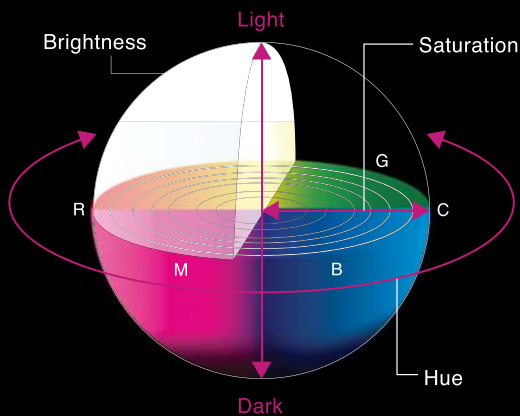

Without Super-resolution technology   With Super-resolution technology
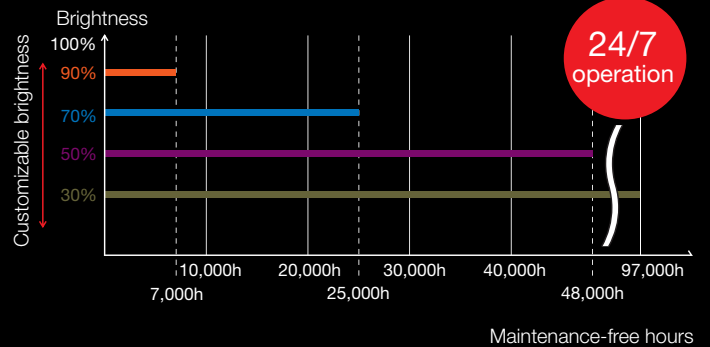
Advanced Colour Adjustment

With the colour adjustment function, you can easily adjust the hue, saturation and brightness for each component of RGBCMY to match your preferences.
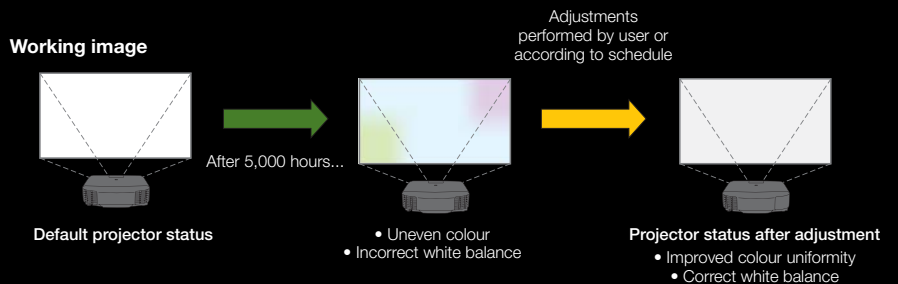

Fine-tuning Brightness

The EB-L30000U provides precise brightness adjustment in increments of 1%. This combined with the Constant Brightness mode maintains brightness at a given value to match the venue or subject to deliver astonishing picture quality.
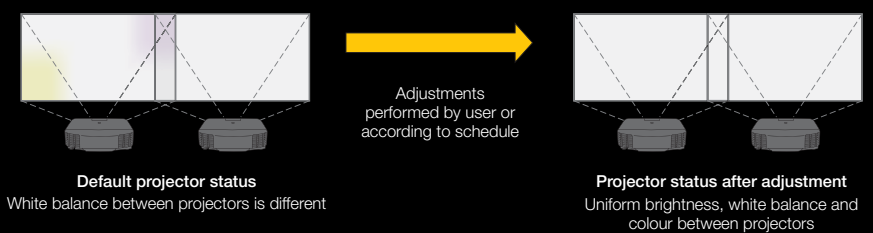
Custom mode with constant brightness

Auto Colour Adjustment

The built-in camera detects screens that have become unevenly coloured over time, allowing the projector to automatically correct colour. It also detects subtle colour inconsistencies between multiple projectors. This function can be programmed to check colour manually or automatically at regular intervals to deliver stable image quality with minimum maintenance.

Built-in camera

Working image

Default projector status

After 5,000 hours...

• Uneven colour
• Incorrect white balance

Adjustments performed by user or according to schedule

Projector status after adjustment
• Improved colour uniformity
• Correct white balance

Working image when using multiple projectors

Default projector status
White balance between projectors is different

Adjustments performed by user or according to schedule

Projector status after adjustment
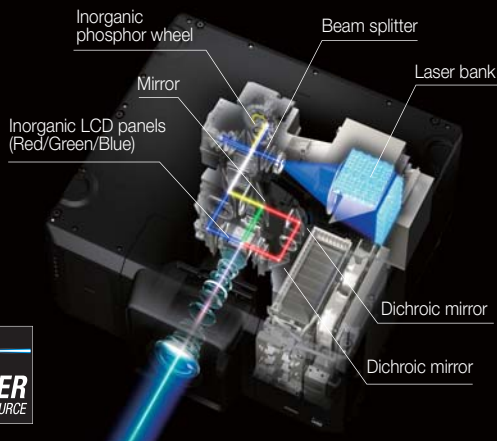Uniform brightness, white balance and colour between projectors

Reliable Performance

Long-lasting projections that go on and on.

Revolutionary Laser Light Source

Blue light from the laser is projected through a beam splitter, which divides the light into two beams. One beam passes through a phosphor wheel, turning it yellow, while the other beam remains blue. The two beams are then recombined into white light and separated into red, green and blue through dichroic mirrors. Each of the three colours passes through LCD panels, producing three individual images, which are transmitted through a prism and combined into the final full-colour image.

Inorganic phosphor wheel
Beam splitter
Mirror
Laser bank
Inorganic LCD panels (Red/Green/Blue)
Dichroic mirror
Dichroic mirror

LASER LIGHT SOURCE

Inorganic LCD Panels and Phosphor Wheel for Outstanding Reliability

Made of inorganic material, Epson's newly developed phosphor wheel offers superior light and heat resistance to deliver excellent reliability. By combining this with our inorganic LCD panels, we create laser projectors that project bright, vibrant images for extremely long periods.
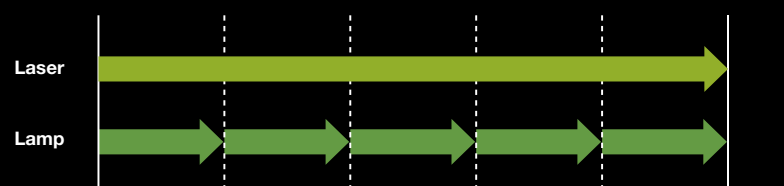
Organic vs. Inorganic

	Inorganic (Glass, iron, aluminum, etc.)	Organic (Paper, wood, plastic, etc.)
☼ Light-resistance	YES	NO
🔥 Heat-resistance	YES	NO

Unlike organic substances, inorganic substances do not contain carbon.

20,000 Hours of Maintenance-free Use

Engineered with inorganic LCD panels and an inorganic phosphor wheel, this newly designed laser light source delivers 20,000 hours* of maintenance-free use. And with the advanced electrostatic filter having an equally long-lasting life, you enjoy peace of mind in using this highly reliable laser projector.
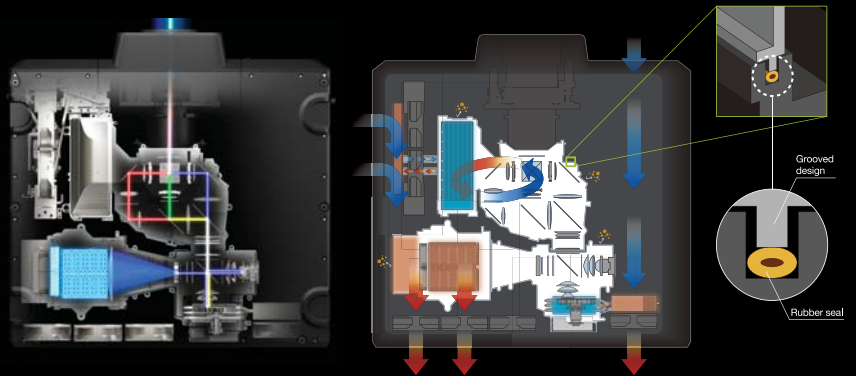
* Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m3 of particulate matter. Time varies depending on usage conditions and environments.

Maintenance period of laser and lamp

Laser

Lamp

0 hours (new)

Maintenance period

20,000 hours

Fully Sealed Optical Engine

Key optical components including the inorganic panel, inorganic phosphor wheel and laser bank are housed in a sealed structure to prevent external dust contamination. This means brightness deterioration due to dust is significantly reduced so you can use your projector with confidence even in a smoky environment.

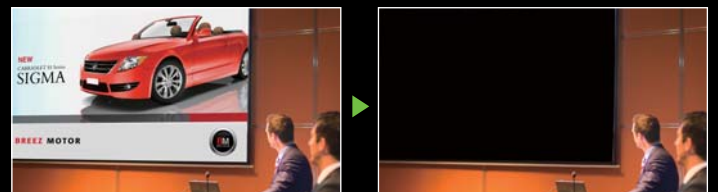Grooved design

Rubber seal

Worry-free Projection

With multiple laser diodes to reply on, the screen won't go black even if one diode goes out. This eliminates the worry of the projector light burning out during mission-critical presentations.

Laser

The projector keeps working even when one light diode goes out.

Lamp

The screen goes black when the lamp burns out.

Durable and Compact Body

By redesigning the internal structure and adopting a pipe frame and baseplate structure, the durability of the casing is greatly improved to deliver a compact, lightweight design for easy installation.

Status Monitor

The projector body is equipped with an LCD monitor, allowing you to quickly check signal, voltage and network information.
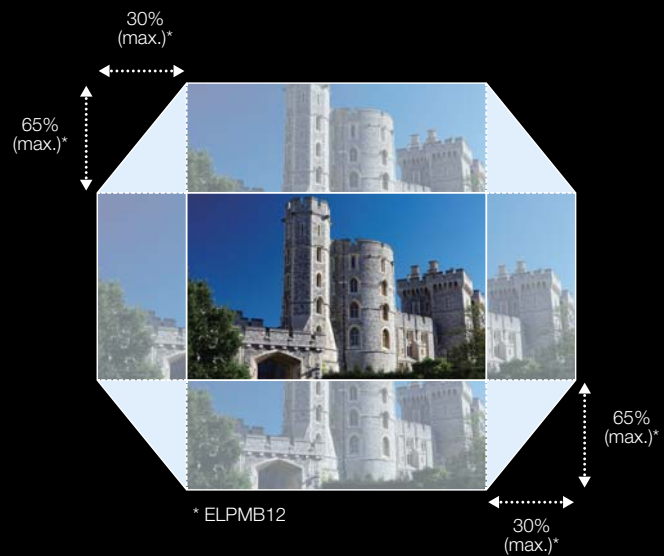

Power Supply Log

Monitor and log up to 30 drops in voltage for a detailed record and prevent unexpected shutdowns.

Shine Everywhere

Limitless placement possibilities at any venue
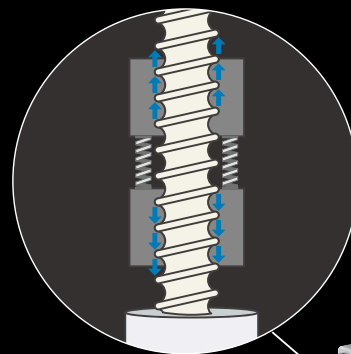for spectacular projections that wow.

Powered Lens with Stepping Motor

The powered lens with stepping motor offers limitless
possibilities in projector placement. Covering a wide range
of angles, the motorised lens shift gives you a great deal of
flexibility when installing the projector. The newly adopted
stepping motor lets you make highly precise adjustments
when employing edge blending, stacking and other
techniques. Adjustments can also be made via remote
control or over a network, enhancing usability even for
ceiling-mounted projectors.

30%
(max.)*

65%
(max.)*

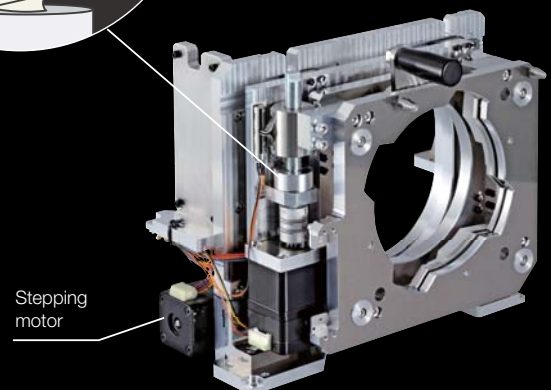65%
(max.)*

* ELPMB12

30%
(max.)*

Lens Position Memory

With storage for up to 10 settings in the projector memory,
including shift positions, focus and projection sizes, you
can easily and quickly adjust the projector according
to the aspect ratio of content simply by using either the
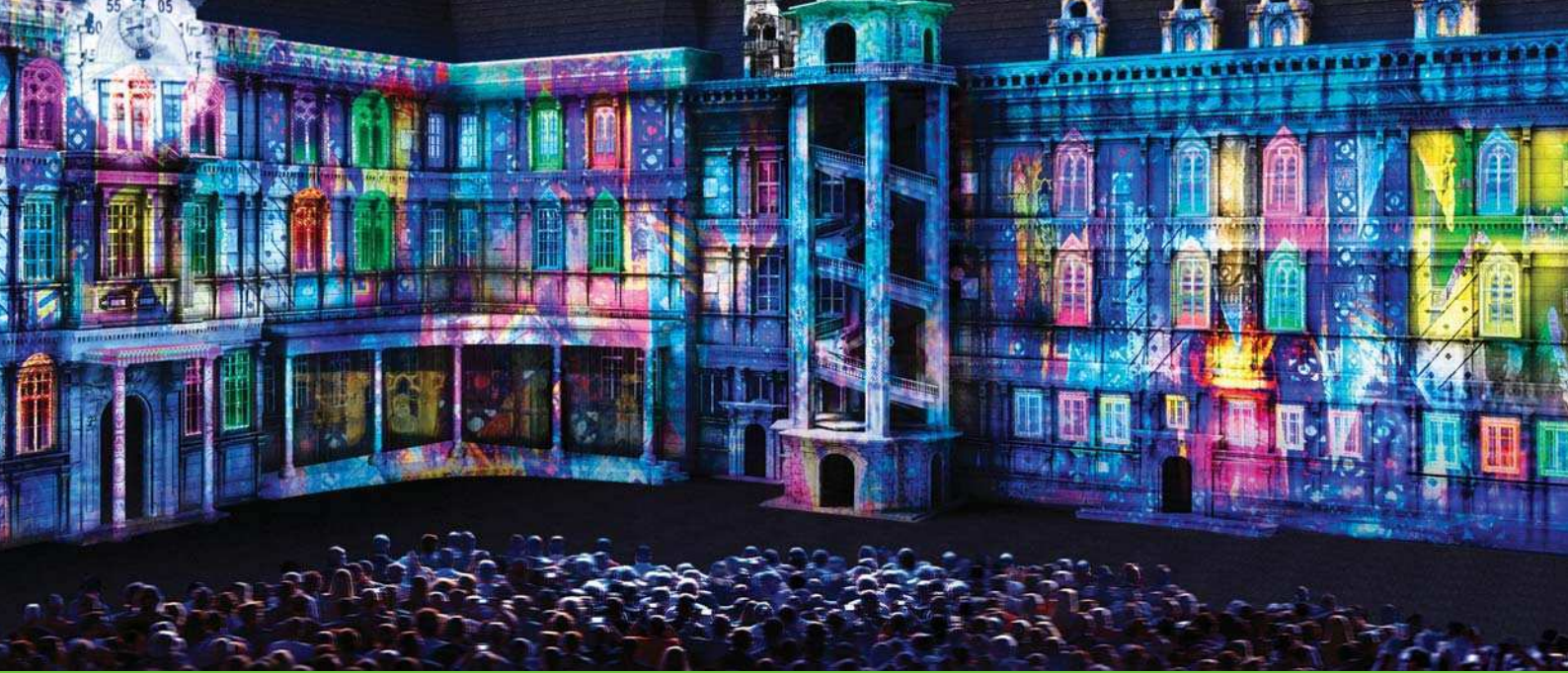remote controller or command control.

Wider Lens Shift Range

The extremely wide-ranging lens shift was realised through
a change in design and careful consideration of the lens
and optical engine. Coupled with an improved stepping
motor, the range shift mechanism allows more precise
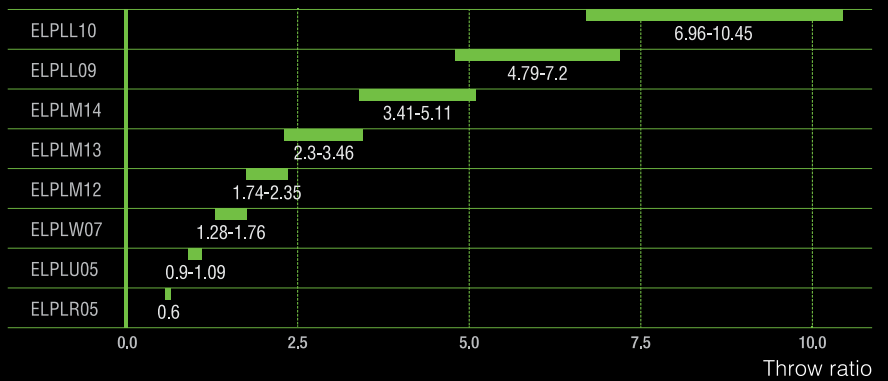adjustment for limitless possibilities in projector placement.

Stepping
motor

Extensive Lens Options

The Epson EB-L30000U offers an extensive line-up of optional lenses to fi t any venue or subject. And with 4K compatibility on all our lenses, you enjoy outstanding resolution regardless of your lens selection.

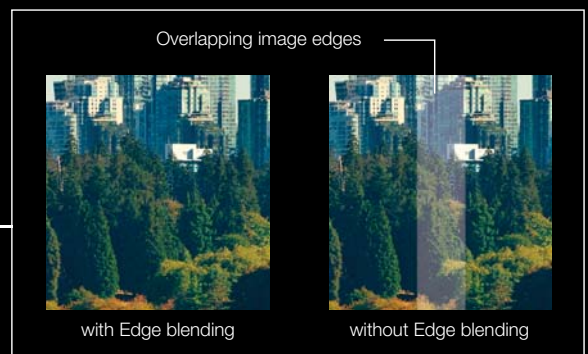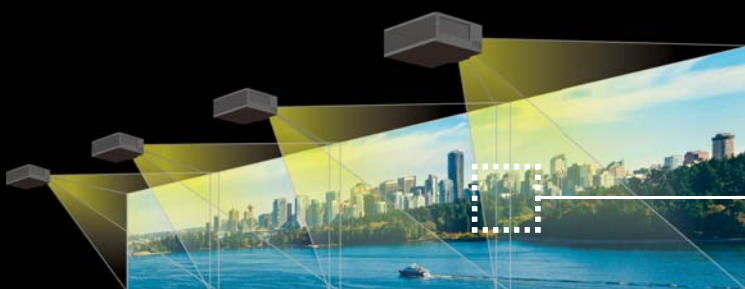| Lens	Throw ratio
ELPLL10	6.96-10.45
ELPLL09	4.79-7.2
ELPLM14	3.41-5.11
ELPLM13	2.3-3.46
ELPLM12	1.74-2.35
ELPLW07	1.28-1.76
ELPLU05	0.9-1.09
ELPLR05	0.6

0,0   2,5   5,0   7,5   10,0

Throw ratio

Multi-directional Projection

The EB-L30000U can be rotated 360° in any direction — horizontally, vertically and rotationally — without any loss in image brightness, making it ideal for a wide range of applications, including projecting onto ceilings and fl oors .

Borderless Multi-projection

With a variety of functions available for multi-projector installations, you can adjust the brightness, colour and position of overlapping areas for seamless, beautiful displays.

Overlapping image edges

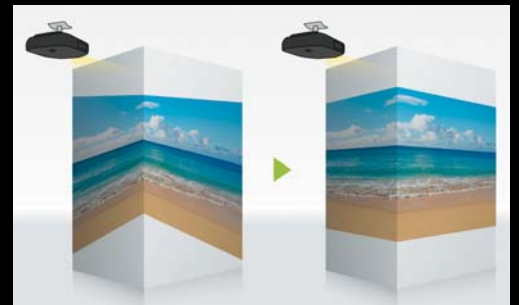with Edge blending   without Edge blending

Shine Everywhere

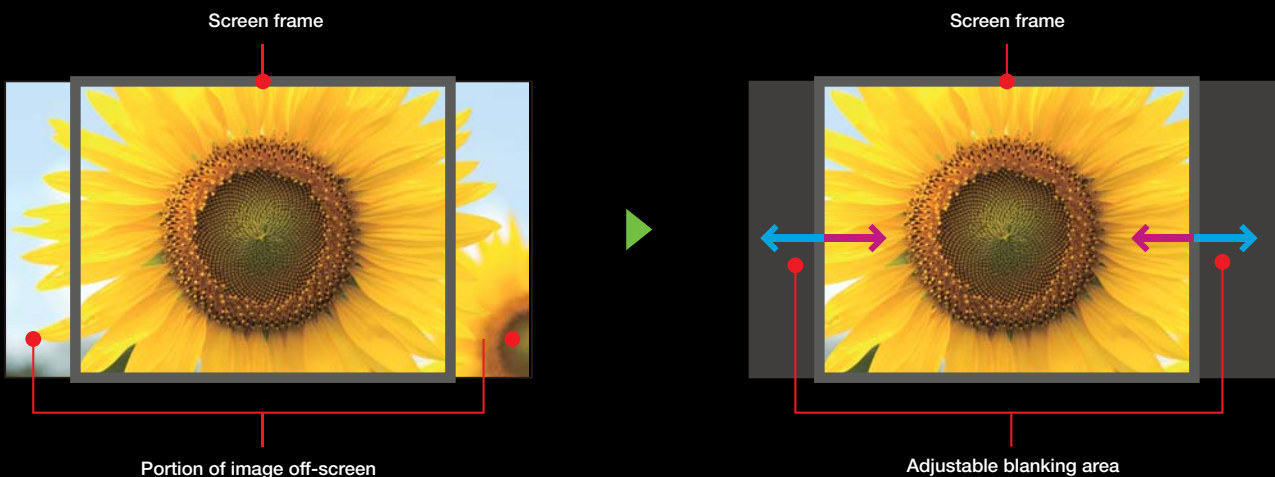Eye-catching, seamless, unified projections even on non-flat surfaces.

Projection on Wide Curved and Corner Spaces

Fit your projection images nicely even on non-flat surfaces. Create stunning projection images on wide curved surfaces and corner walls, ideal for advertisements and marketing promotions.

Blanking

With full adjustability on all edges, you can easily adjust the blanking width for oversized images or mask noise at the edges of the screen, even for images from a videocassette recorder.
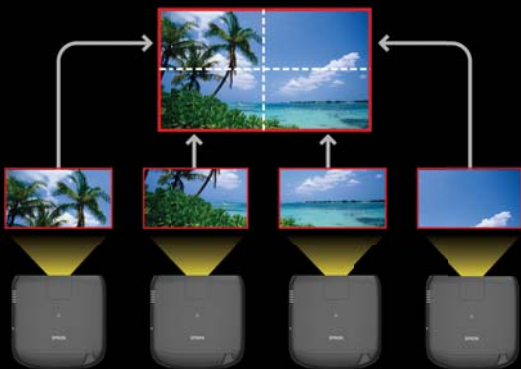

Screen frame

Portion of image off-screen

Screen frame

Adjustable blanking area

Point Correction

Easily correct single-projector distortion or multi-projector misalignment directly on the screen. Quickly fine-tune the images by adjusting point by point from right to left, top to bottom, using a projected maximum 17 x 17 matrix.

Auto-scaling

Say goodbye to the complicated scaling of images from multiple projectors. With auto-scaling, simply select the screen layout from the pre-set menu and your projector will automatically set the slice area, scaling and edge-blend position for seamless projections.
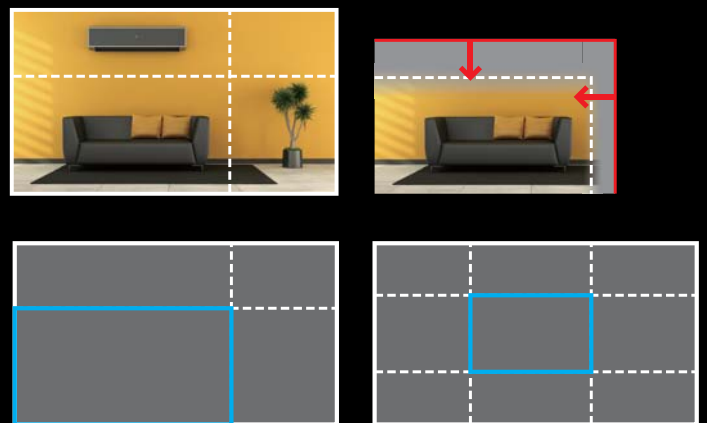

Black Level

Experience uniform black levels in overlapping areas of images even when using multiple projectors.

Advanced Edge Blending

Precisely adjust edge blending to combine multiple edges for a seamless, unified look. This function allows you to fine-tune the start position and edge width of the blend as well as the area of the black level in the blend. It also prevents the main subject from being overlapped. As a tip, you can reduce the size of the overlapping areas to decrease the time it takes to combine multiple images.

Shine Everywhere

Easily control and broadcast to multiple screens
for dynamic and impressive presentations.

Split Screen

Project two different images from a single projector for a more effective presentation. In video conferences, for example, images of presentation materials and remote participants can be shown simultaneously. What's more with WUXGA resolution, you'll enjoy crisp, clear images for presentations that are brimming with impact.
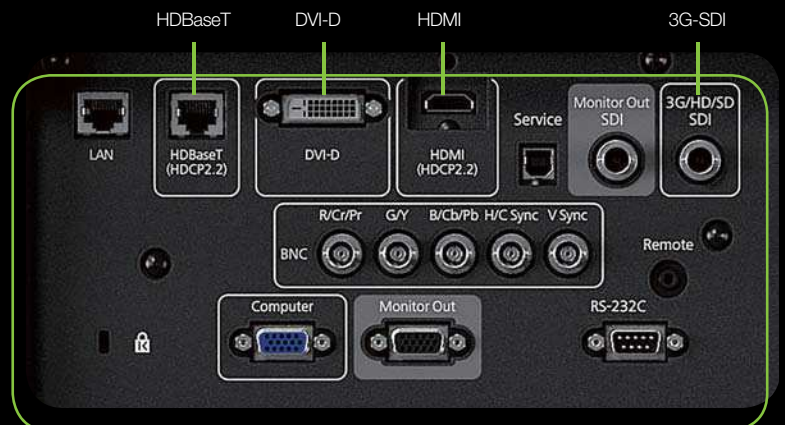
Web Control with Smart Device Support

Use a computer web browser or smart device to adjust your projector settings. The newly designed OSD Control Pad function allows you to control the OSD menu and even view a representation of the lens-condition from your smart device.

Extended Connectivity

Equipped with a diverse range of input terminals, the Epson LB-L30000U supports a host of transmission outputs including 3G-SDI and HDBaseT for long-distance transmissions.

HDBaseT   DVI-D   HDMI   3G-SDI

Easy MP Monitor and Message Broadcasting

With Epson's network monitoring and control software, you can see from a single PC which projectors are available and whether they are running efficiently – even across the biggest networks. Configure your projectors and access their serial numbers remotely and receive instant email alerts for pre-defined critical indicators such as non-functioning devices or overheating lamps.

You can also send messages or announcements as JPEG files simultaneously to any number of projectors on a network. This makes the EB-L30000U projector very useful for immediate communication needs or even emergencies.

DMX-ArtNet

The EB-L30000U supports DMX-ArtNet for synchronising lighting effects such as pre-programmed sequences with audio. Features you can control include power, shutter, switchgear, input source, lens drive (shift, focus and zoom) and lens memory settings.

Eco Features

- Uses just 0.5W of power in standby mode
- Projector optics employ lead-free lenses
- Unpainted plastic housing reduces the environment impact
- The flame retardants used in the plastic housing do not contain chlorine or bromine

Better Products for a Better Future™

For more information on Epson's environmental programmes, visit **http://global.epson.com/SR/environment.**

PARTNERS IN PERFECTION

Desktop Document Camera ELPDC21

2.6kg/6.6 lbs
1080p output resolution
2 megapixels with 30 fps
12 x optical zoom
HDMI digital connectivity

HDBaseT Transmitter ELPHD01

HDMI Input
RS232C for control
LAN for Ethernet
Allows Full HD uncompressed signal transmission up to 100 meters

WORKFORCE WF-6091 Printer

Print speeds of up to 34pp/minute
5760dpi resolution
Connectivity via Wi-Fi, Wi-Fi Direct and Epson Connect

EPSON

EXCEED YOUR VISION

MODEL NUMBER		EB-L30000U
Projection Technology		RGB liquid crystal shutter projection system (3LCD)
Specifications of Main Parts		
LCD	Size	1.43" (D8, C² Fine)
	Native Resolution	WUXGA (1920 x 1200)
Projection Lens	Type	Power Zoom / Power Focus / Power Shift / Power Distortion
	F-Number	1.9 - 2.1
	Focal Length	54.7 - 73.0 mm
	Zoom Ratio	1 - 1.35
	Throw Ratio	1.74 - 2.35 (Wide - Tele)
	Lens Exchange	Yes
Lens Shift	Mode	Powered
	Vertical (Up/Down)	±65%
	Horizontal (Left/Right)	±30%
Lamp	Type	Laser Diode Bank
	Life (Normal / Eco)	20,000 / 30,000 hours
Screen Size (Projected Distance)		
Zoom: Wide		100" - 1,000" [3.68 - 37.92 m]
Zoom: Tele		100" - 1,000" [4.99 - 51.03 m]
Brightness[*1]		
White Light Output (Normal / Eco)		30,000lm / 21,000lm
Colour Light Output		30,000lm
Contrast Ratio		2,500,000
Geometric Correction		
Vertical / Horizontal Keystone		±45° / ±30° (Zoom: Tele with Standard Zoom Lens)
Quick Corner		Yes
Curve Surface		Yes (Except when in 4K Enhancement mode)
Point Correction		Yes (Except when in 4K Enhancement mode)
Corner Wall		Yes (Except when in 4K Enhancement mode)
Connectivity		
Analog Input	D-Sub 15Pin	1 (Blue)
	5BNC	1
Digital Input	DVI-D	1 (Single Link, HDCP 1.4)
	HDMI	1 (with HDCP 2.2)
	SDI	1 (SD-SDI, HD-SDI, 3G-SDI)
	HDBaseT (RX)	1 (RJ-45)
Analog Output	D-Sub 15Pin	1
Digital Output	SDI	1 (SD-SDI, HD-SDI, 3G-SDI)
Others	USB Type A	1 (Optional Wireless LAN, Firmware Update, Copying OSD Settings)
	USB Type B	1 (Firmware Update and Copying OSD Settings)
Control I/O	RS-232C	1
	Remote Control Input	1
	LAN (RJ-45)	1
Network	Wired LAN	RJ-45 x 1 [Compliant with Control I/O (Art-Net)]
	Wireless	Optional (ELPAP10)
Wireless Specification		
Supported Speed For Each Mode		IEEE 802.11b: 11Mbps[*2]
		IEEE 802.11g: 54Mbps[*2]
		IEEE 802.11n: 130Mbps[*2]
Wireless LAN Security		WPA-PSK (TKIP/AES) / WPA2-PSK (TKIP/AES)
Operating Temperature		0 - 50 °C <32 - 122 °F> (Below 1,500m / 4,921ft)
		0 - 45 °C <32 - 104 °F> [Above 1,500m / 4,921ft - 3,048m / 10,000ft (with high altitude mode)]
Operating Altitude		0 - 3,048 m <0 - 10,000 ft> (Over 1,500m / 4,921ft : with high altitude mode)
Direct Power On / Off		Yes
Start-Up Period		Less than 8 seconds, Warm-up period: 30 seconds
Cool Down Period		Instant Off
Air Filter	Type	High Efficiency Filter (with Smoke Filter function)
	Maintenance Cycle	20,000 hours[*3]
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz
Power Consumption (220 - 240V)		
Lamp On (Normal / Eco)		2870W / 2000W
Standby (Network On / Off)		3.0W / 0.5W
Dimension Excluding Feet (D X W X H)		710 x 790 x 299 mm
Weight		65.6kg (exclude handle and lens)
Fan Noise (Normal / Eco)		49dB / 41dB

[*1] Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.

[*2] Maximum speed and range is achievable when used with same enhanced mode technology. Actual data rates, features and performance may vary depending on your computer system, the environment and other factors.

[*3] When used in the general office environment (the amount of floating dust: 0.04 - 0.2 mg/m3). Based on the Epson's in-house test results.

Supplied Accessories
Power Cable
Remote Control
User's Manual CDROM
HDMI Cable Clamp

Optional Accessories
Air Filter: ELPAF52
Wireless LAN Card: ELPAP10
Remote Control Cable Set (10m x 2): ELPKC28
HDBaseT Transmitter: ELPHD01
Handle: ELPMB49

Optional Lenses
Rear Projection Wide Lens: ELPLR05
Short Throw Zoom Lens1: ELPLU05
Short Throw Zoom Lens2: ELPLW07
Middle Throw Zoom Lens1: ELPLM12
Middle Throw Zoom Lens2: ELPLM13
Middle Throw Zoom Lens3: ELPLM14
Long Throw Zoom Lens1: ELPLL09
Long Throw Zoom Lens2: ELPLL10

EB-L25000U

Information correct as at October 2016

ProSelecta
View :: Compare :: Select - www.ProSelecta.com